## **CLAIMS**

- 1. An optical disk restoration apparatus, which is characterized in that it comprises:
- a) a rotatable object holder for holding an object to be polished;
  - b) a rotatable polishing body-holding unit for holding a polishing body;
  - c) a pressing means for pressing the object holder and the polishing body-holding unit onto each other with a predetermined pressure required for a polishing process; and
    - d) a driver for rotating at least the polishing body-holding unit,
- where a holding surface of the object holder is provided with at least one of an inclined, step-like or curved profile.
  - 2. The optical disk restoration apparatus according to claim 1, which is characterized in that the object holder comprises:
  - a) a holding table for holding the object to be polished; and
    - b) a sheet for preventing the object from slipping on the holding table.
  - 3. The optical disk restoration apparatus according to claim 2, which is characterized in that the holding surface is provided with at least one of an inclined, step-like or curved profile, by changing the thickness of the holding table and/or the sheet.
    - 4. The optical disk restoration apparatus according to claim 2, which is characterized in that the holding surface is provided with at least one of an inclined, step-like or curved profile, by providing a spacer between the holding table and the sheet.

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5. The optical disk restoration apparatus according to claim 2, which is characterized in that the holding surface is provided with at least one of an inclined, step-like or curved profile, by changing at least either a hardness, density or cross-sectional area of projections formed on the sheet.

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- 6. The optical disk restoration apparatus according to claim 2, which is characterized in that the holding surface is provided with at least one of an inclined, step-like or curved profile, by changing the hardness of the sheet.
- 7. An optical disk restoration apparatus, which is characterized in that it comprises:
  - a) a rotatable object holder for holding an object to be polished;
  - b) a first polishing body-holding unit for holding multiple polishing bodies;
- c) a second polishing body-holding unit for holding one of the polishing bodies while allowing its rotation;
  - d) a pressing/separating means for pressing or separating the object to be polished and the polishing body held by the second polishing body-holding unit onto or from each other; and
    - e) a driver for rotating at least the second polishing body-holding unit.

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- 8. The optical disk restoration apparatus according to claim 7, which is characterized in that the first polishing body-holding unit is a turret.
- 9. The optical disk restoration apparatus according to claim 7 or 8, which is characterized in that it further comprises a rotating controller for regulating the rotation of

the object to be polished.

- 10. The optical disk restoration apparatus according to claim 9, which is characterized in that a linking part connecting the rotating controller and the object holder is inserted through a cavity of a shaft of the first polishing body-holding unit.
- 11. The optical disk restoration apparatus according to claim 10, which is characterized in that the shaft of the first polishing body-holding unit has a cavity whose diameter is adequately large.

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- 12. The optical disk restoration apparatus according to claim 9, which is characterized in that the rotating controller is located at the lower end of a shaft of the object holder.
- 13. The optical disk restoration apparatus according to one of claims 7-12, which is characterized in that the object holder and the first polishing body-holding unit are arranged so that they are substantially concentric with and parallel to each other.
- 14. The optical disk restoration apparatus according to claim 11 or 12, which is characterized in that the object holder and the first polishing body-holding unit are arranged so that they are substantially parallel to each other but are not substantially concentric with each other.
- 15. The optical disk restoration apparatus according to claim 10 or 11, which is characterized in that the object holder and the first polishing body-holding unit can be

disengaged from each other by a vertical motion or a rotation of the object holder and/or the first polishing body-holding unit.

- 16. The optical disk restoration apparatus according to one of claims 7-15, which is characterized in that the first polishing body-holding unit holds the second polishing body-holding unit by holding claws.
  - 17. The optical disk restoration apparatus according to one of claims 7-15, which is characterized in that the first polishing body-holding unit holds the second polishing body-holding unit by a magnetic force.
    - 18. The optical disk restoration apparatus according to one of claims 7-15, which is characterized in that the first polishing body-holding unit holds the second polishing body-holding unit by a thread engagement.

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19. The optical disk restoration apparatus according to one of claims 7-15, which is characterized in that the first polishing body-holding unit holds the second polishing body-holding unit by an elastic force of a spring.